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1 Warnings and Safety information

The navigation system guides you to your destination using the GPS receiver. The navigation system does not transmit your GPS position and you cannot be tracked.

It is important that you look at the display only when it is safe to do so. If you are the driver of the vehicle, we recommend that you operate the navigation system before you start your journey. Plan the route before your departure and stop if you need to change the route.

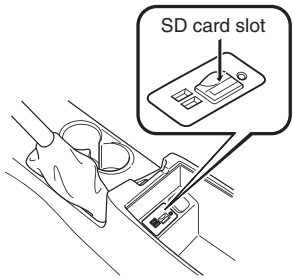
Drive the vehicle according to the road signs and the road shape. If you deviate from the recommended route, the navigation system changes the instructions accordingly.

For more information, consult the End-User Terms (page 67).

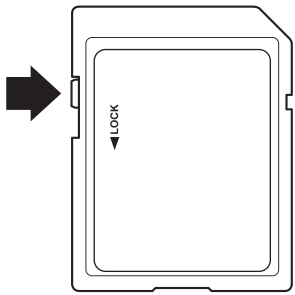
2 Getting started

2.1 Before using the navigation system

To use the navigation system, the SD card containing the map information needs to be inserted in the SD card slot.



When inserting the SD card, never move the slider on the side of the SD card to the LOCK position. If the slider is set to LOCK, the SD card cannot be read and the navigation system will not operate.



This SD card is valid for use in only one vehicle. Never use it in another vehicle. If the SD card is used first in one vehicle and then in another, the navigation system for either one of the vehicles may become inoperable.

2.2 Navigation menu

You can reach all parts of the navigation system from the Navigation menu.

Select and open the navigation menu.

You have the following options:

- / : Open/close
  Opens and closes the UMP (menu bar).
  The UMP (menu bar) is displayed on the lower part of the screen.
- : Adds a destination.
  Select your destination by entering an address or selecting a POI (point of interest), a location on the map or one of your Favorite destinations. You can also look up your recent destinations from the Smart History by entering the coordinates. If an Internet connection is available, Local Search can be of further help to find your destination.
- : Displays the screen where traffic information and the GPS reception conditions can be set and verified.
- : Cancels waypoint/route
- : Finds Places nearby
  You can search for points of interest (POI) near the vehicle position.
- : Displays the route parameters and the route in its full length on the map. You can also perform route-related actions such as editing or canceling your route, picking route alternatives, avoiding parts of the route, simulating navigation or adding the destination to your Favorites.
- / / : Changes View mode
  The map view mode can be changed (2D north up/2D heading up/3D).
- : Switches to the Settings screen where you change navigation settings.

Note!	Some functions are not available depending on some countries and regions.

2.3 Buttons and other controls on the screen

2.3.1 Using keyboards

You only need to enter letters or numbers when you cannot avoid it. You can type with your fingertips on the full-screen keyboards and you can switch between various keyboard layouts, for example English, Greek or numerical.

Task	Instruction
Correcting your entry on the keyboard	Select to remove the unneeded character(s). Select and hold the button to delete several characters or the entire input string.
Entering a space, for example between a first name and a family name or in multi-word street names	Select the [redacted] button at the bottom center of the screen.
Entering upper and lower case letters	When entering a text, the first character appears in upper case while the rest of the text is in lower case. Select to enter an upper case letter or select twice to turn on Caps Lock. Select again and lower case letters return.
Finalizing the keyboard entry	Select . • Accepting the suggested search result • Saving your input Select . • Opening the list of search results
Canceling the keyboard entry (returning to the previous screen)	Select .

2.3.2 Press and Hold

You usually need to select the screen only once, however, some useful features can be accessed with combined touch screen selecting. Those are as follows:

Action	Button(s)	Details
Continue pressing the button.		Touching the button on the map screen once changes the scale in one step. Continuously touching the button changes the scale sequentially.
		Touching the button on the map screen once changes the point of view in one step. Continuously touching the button changes the point of view sequentially.
		Touching the button on the map screen once rotates the map. Continuously touching the button rotates the map sequentially.
		Touching the button on the keyboard screen once erases one character. Continuously touching the button erases several characters rapidly.

2.4 Map screen

2.4.1 Navigating on the map

The data fields are different when you are navigating an active route and when you have no specified destination (the burgundy line is not displayed).

Field	Description
	Shows the speed limit of the current road if the map contains it.
	Shows the distance you need to travel on the route before reaching your final destination. Shows the estimated arrival time at the final destination of the route. If the navigation system is capable of receiving live traffic information, the calculation takes into account traffic delays affecting your route. This estimation can be inaccurate at times.

Note!	Some functions are not available depending on some countries and regions.

2.4.2 Position markers

2.4.2.1 Selected map location (Cursor) and selected map object

You can mark a map location in the following ways:

- Select the map during route guidance.
- Select the map when asked so that the destination can be confirmed after the search is completed.
- Select the destination from the map. (page 40)

When a map location is selected, the Cursor appears at the selected point on the map. A symbol with a combined crosshair and red circle is displayed for easy visibility of any map scale size.

The location of the Cursor can be used as the destination of the route.
You can search for a POI (point of interest), or you can save it as one of your Favorites destinations.

You can also select some of the objects on the map. If you select the map at the icon of a POI (point of interest) or a traffic event, the object will be selected. You can then get information about this object or use it as a route point.

Note!	Some functions are not available depending on some countries and regions.

2.4.3 Objects on the map

2.4.3.1 Streets and roads

The navigation system shows the roads in different widths and colors so that they can be easily identified. A highway/freeway will be thicker and a different color than a small street.

2.4.3.2 Turn preview and Next street

When navigating a route, the top section of the Map screen shows information about the next maneuver, street or city.

There is an area at the top left part of screen which indicates the next operation. Displays both the event type (such as turning, detouring, exiting expressways) and the distance from the current position.

When the next event approaches, the second event is displayed using a small icon. If there is no second event, only the next event is displayed.

Most of these icons are very intuitive. The same symbols are used in both fields:

Icon	Description
	Turn left.
	Turn right.
	Turn back.
	Bear right.
	Turn sharp left.
	Keep left.
	Continue straight in the intersection.

	Go left on the roundabout, 3rd exit (next maneuver).
	Enter highway/freeway.
	Exit highway/freeway.
	Board ferry.
	Leave ferry.
	Approaching a waypoint.
	Approaching the destination.

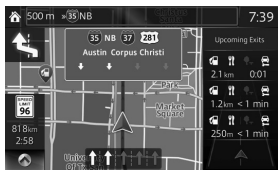
2.4.3.3 Lane information and Signposts

When navigating on multilane roads, it is important to take the appropriate lane in order to follow the recommended route. If lane information is available in the map data, the navigation system displays the lanes and their directions using small arrows at the bottom of the map. Highlighted arrows represent the lanes and direction you need to take.

Lane guidance is provided constantly if there is map information. Signposts are displayed at the top of the map. The color and style of the signposts are similar to the real ones you see above road or by the roadside. They show the available destinations and the number of the road the lane leads to.

When navigating a route, only the signpost that points to the lane(s) to be taken is displayed in bright colors; all others are darker. All signposts and lane guidance arrows are displayed in vivid colors while driving (when there is no recommended route).

If you want to hide the currently displayed signposts, touch anywhere and the normal Map screen returns until new signpost information is received.

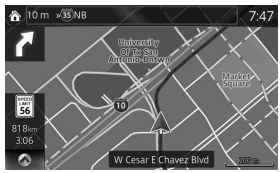


2.4.3.4 Junction view

If you are approaching a highway/freeway exit or a complex intersection and the needed information exists, the map is replaced with a 3D view of the junction. The optimum driving lane is indicated by an arrow, and road signs are displayed as additional information at the top of the screen.

2.4.3.5 Highway/Freeway exit services

You may need a gasoline station or a restaurant during your journey. This feature displays a new button on the map when you are driving on highways/freeways.



Select this Open button to open a panel with the details of the next few exits or service stations.

Applicable only when the setting is “Only when menu is open”.

Select any of them to display the exit area on the map. You can now easily add this exit as a waypoint to your route if needed.

There are two types of settings for displaying the next expressway exit; one which constantly displays the next expressway exit while traveling on an expressway, or the other which displays the next expressway exit only when the menu panel is open.

You can change the settings in Visual Guidance settings (page 61).

2.4.3.6 Elements of the active route

The navigation system shows the route in the following way:

Symbol	Name	Description
	Current car position marker	If there is a road close by, a blue-colored arrow symbol moves to the road which is the closest. The red mark present around a blue-colored arrow symbol indicates the correct GPS information. It may be indicated away from the road because there is no existing road information.
	Waypoint (intermediate destination)	An intermediate destination of the route before reaching the final destination.
	Destination (end point)	The final destination of the route.
	Route color	The route always stands out with its color on the map, both in daytime and in nighttime mode.
	Streets and roads that are excluded from the navigation	You can choose whether you want to use or avoid certain road types (page 59). However, when the navigation system cannot avoid such roads, the route will include them and it will show them in a color that is different from the route color.
	Streets and roads that are affected by traffic events	Road segments may be affected by traffic events received. These streets and roads are displayed in an alternate color, and small symbols displayed along the route show the type of traffic event.

Note! Some functions are not available depending on some countries and regions.

2.4.4 Manipulating the map

By touching and dragging any part of the map screen, it can be moved to a location close to the currently displayed map.

In addition, the map operation button is displayed, and by touching each of the buttons, you can zoom in and out of maps, change the map perspective and select a destination.

Action	Button(s)	Description
Map movement using touch and drag	No buttons	You can move the map in any direction: select and hold the map, and move your finger towards the direction you want to move the map.
Zooming in and out		Changes how much of the map is displayed on the screen. The navigation system uses high-quality vector maps that let you examine the map at various zoom levels, always with optimized content. Map scaling has a limit in 3D map view mode. If you zoom out further, the map switches to 2D view mode. Select the button once to modify the view in large steps, or select and hold the button to modify it continuously and smoothly.
Tilting up and down		Changes the vertical view angle of the map in 3D mode. Select the button once to modify the view in large steps, or select and hold the button to modify it continuously and smoothly.
Rotating left and right		Changes the horizontal view angle of the map. Select the button once to modify the view in large steps, or select and hold the button to modify it continuously and smoothly.
Compass		The direction of the compass shows North. Select the button to switch to North-up view, and then select again to rotate the map in the previous direction.
Open/close		The UMP (menu bar) is displayed on the lower part of the screen. Hides the displayed UMP if the UMP has been displayed.

Select destination		Select this button to select the Cursor as a new destination. The route is automatically calculated.
Return to normal navigation		Select this button to move the map back to follow the current GPS position. Automatic map rotation is also re-enabled. The map manipulation buttons disappear and navigation continues.
2D or 3D view		When this button is selected, the map view mode can be changed. • 2D: The map is displayed so that north is up regardless of the direction of travel. • 2D: The map is rotated so that the direction of travel is displayed in the upward direction. • 3D: Displays things such as actual construction sites three dimensionally on the map.
Zoom-in/zoom-out mode		You can zoom-in/zoom-out of maps.
Rotate mode		Rotates maps.
Perspective angle mode		You can change the angle of perspective on a map.

2.4.5 Checking the details of the current position (Where Am I?)

This screen contains information about the current position (or about the last known position if GPS reception is not available).

You can access this screen from the map in one of the following ways:

1. Select ℹ after selecting on the MAP screen.

2. Select the Where Am I? screen.

3 On-road navigation

You can set up your route in different ways:

If you need a route for immediate navigation, you can select the destination and start navigating to it right away (normal navigation).

You can plan routes with multiple destinations. Select the first destination. Then select a second destination and add it to your route to create a multi-point route. You can add as many destinations to your route as you like.

3.1 Selecting the destination of a route

The navigation system offers you several ways of choosing your destination:

- Enter a full address or a part of an address (page 20).
- Select a POI (point of interest) from a database as your destination (page 29).
- Searches the destination from the map (page 40).
- Use a previously saved Favorite destination (page 42).
- Select a location from the History of previously used destinations (page 43).
- Enter the coordinate of the destination (page 44).

Note! There are other convenient functions.

3.1.1 Entering an address or a part of the address

If you know at least a part of the address, it is the quickest way to select the destination of the route.

Using the same screen, you can find an address by entering:

- Destination address
- The center of a city
- An intersection
- The midpoint of a street

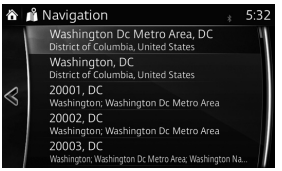
Note!	If an address or part of a facility name is input, a search candidate list including the input characters is displayed. The greater the number of characters input the more the list is refined.

3.1.1.1 Entering an address

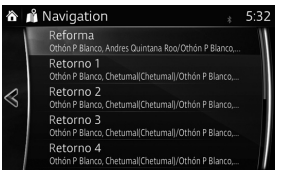
To enter an address as the destination, do as follows:

1. Select after selecting on the MAP screen.
2. Select Find Address.
3. By default, the navigation system proposes the country and city where you are. If needed, select Country, enter the first few letters of the country name on the keyboard, and select one country from the list of results.

4. If needed, select a new city:
    a. Select <City or ZIP Code>.
    b. Start entering the name of the city on the keyboard.
    c. Find the city you need:
        - The most likely city name is always shown in the input field. To accept it, select ✓.
        - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, select ☰). Select the city from the list.

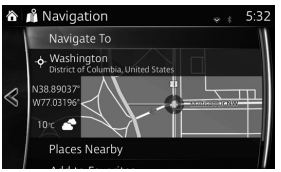


5. Enter the street name:
    a. Select <Street Name>.
    b. Start entering the street name on the keyboard.
    c. Find the street you need:
        - The most likely street name is always shown in the input field. To accept it, select ✓.
        - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, select ☰). Select the street from the list.



6. Enter the house number:
   a. Select House Number.
   b. Enter the house number on the keyboard. (To enter letters, select QWE.)
   c. Select ✓ to finish entering the address. (If the entered house number cannot be found, the midpoint of the street is selected as the destination.)

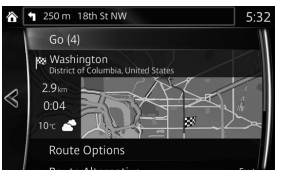
7. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the ◁ button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

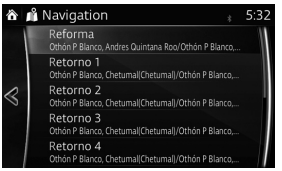
8. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



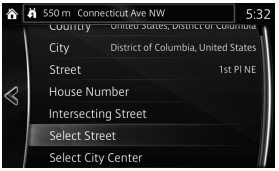
3.1.1.2 Entering the midpoint of a street as the destination

You can navigate to the midpoint of a street if the house number is not available:

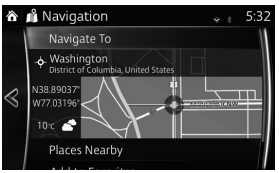
1. Select after selecting on the MAP screen.
2. Select Find Address.
3. If necessary, modify the country and city as described earlier (page 20).
4. Enter the street name:
   a. Select <Street Name>.
   b. Start entering the street name on the keyboard.
   c. Find the street you need:
      - The most likely street name is always shown in the input field. To accept it, select .
      - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, select). Select the street from the list.



5. Instead of entering the house number, select Select Street. The midpoint of the street is selected as the destination.



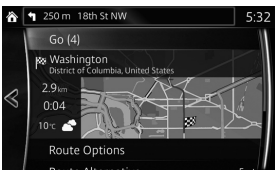
6. The selected location is shown on the map.
The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

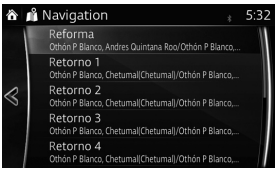
7. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



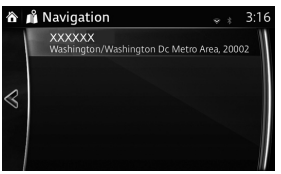
3.1.1.3 Selecting an intersection as the destination

To enter an address as the destination, do as follows:

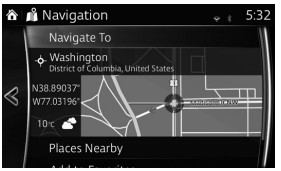
1. Select after selecting on the MAP screen.
2. Select Find Address.
3. If necessary, modify the country and city as described earlier (page 20).
4. Enter the street name:
   a. Select <Street Name>.
   b. Start entering the street name on the keyboard.
   c. Find the street you need:
      - The most likely street name is always shown in the input field. To accept it, select .
      - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, select). Select the street from the list.



5. Enter the intersecting street name:
   1. Select Intersecting Street.
      - If only a few intersecting streets exist, their list appears immediately.
      - In case of a longer street, the keyboard screen appears. Start entering the name of the intersecting street on the keyboard. As soon as the street names that match the entered string can be shown on one screen, their list appears automatically. Select the street from the list.



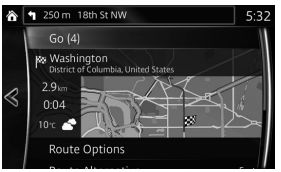
6. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the ◁ button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

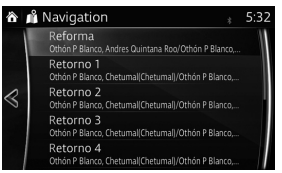
7. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



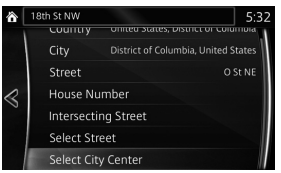
3.1.1.4 Selecting a city center as the destination

The city center is not the geometric center of the city but an arbitrary point on the map the creators have chosen. In cities and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

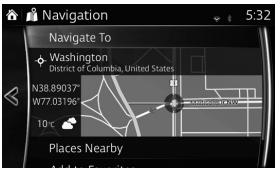
1. Select after selecting on the MAP screen.
2. Select Find Address.
3. If necessary, modify the country and city as described earlier (page 20).
4. Enter the street name:
   a. Select <Street Name>.
   b. Start entering the street name on the keyboard.
   c. Find the street you need:
      - The most likely street name is always shown in the input field. To accept it, select .
      - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, select). Select the street from the list.



5. Instead of entering the street name, select Select City Center. This way the center of the displayed city becomes the destination of the route.



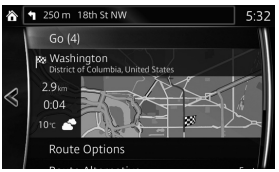
6. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the ◁ button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

7. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.1.2 Selecting the destination from the POI (point of interest)

You can select your destination from the POI (point of interest) included with the navigation system.

Using the same screen, you can find a POI (point of interest) in different ways:

- You can quickly find a nearby POI (point of interest) by its name using the Quick search feature.
- You can find frequently searched types of POI (point of interest) with only a few screen selects using the Preset search feature.
- You can search for a POI (point of interest) by its category.
- You can search for a POI (point of interest) by its name.

3.1.2.1 Quick search for a POI (point of interest)

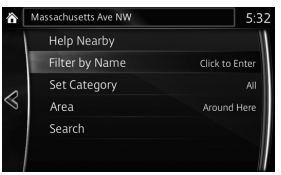
If the name for a POI (point of interest) is input, a search candidate list is displayed. One destination among the candidates can be selected.

- Along the recommended route if it exists or
- Around your current location if there is no destination given.

Start the Quick search function:

1. Select after selecting on the MAP screen.
2. Select Find Places.

3. Select Filter by Name.



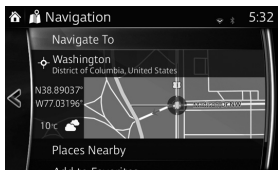
4. Using the keyboard, enter the name of the POI (point of interest).

Note!

If an address or part of a facility name is input, a search candidate list including the input characters is displayed. The greater the number of characters input the more the list is refined.

5. After entering a few letters, select to open the list of POI (point of interest) with names containing the entered character sequence.

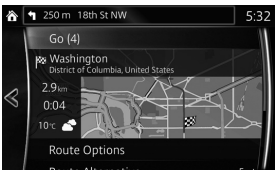
6. The selected location is shown on the map.
The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

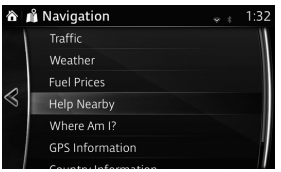
7. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.1.2.2 Searching for Help nearby

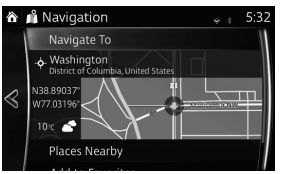
The Preset search feature lets you quickly find the most frequently selected types of Places.

1. Select ℹ after selecting ⌂ on the MAP screen.
   Or, select Find Places after selecting ⚑ as an alternative method.
2. In the Navigation menu, select Help Nearby.



3. Preset search categories appear, all for searching around the current position (or around the last known position if the current position is not available):
4. Select any of the quick search buttons to get an instant list of Places.

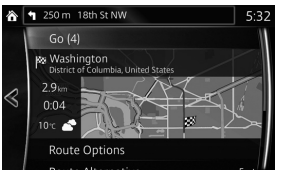
5. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the ⮜ button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

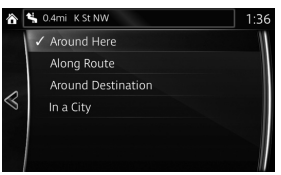
6. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.1.2.3 Searching for a POI (point of interest) by category

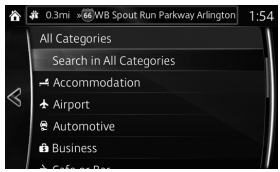
You can search for Places of Interest by their categories and subcategories.

1. Select ⋮ after selecting ⌂ on the MAP screen.
2. Select Find Places.
3. Select Area.
4. Select the area around which the Place should be searched for:
   - Select Around Here to search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.)
   - Select Along Route to search along the active route, and not around a given point. This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gasoline stations or restaurants. (The result list will be ordered by the length of the necessary detour.)
   - Select Around Destination to search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.)
   - Select In a City to search for a place within a selected city. (The result list will be ordered by the distance from the center of the selected city.)

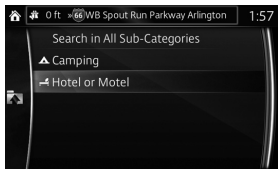


5. (optional) If you have selected In a City, select the city to search in.

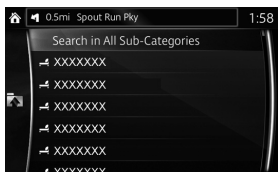
6. Select one of the main Place categories (e.g. Accommodation) or select Search In All Categories to list all Places around the selected location or along the route.



7. Select one of the Place subcategories (e.g. Hotel or Motel) or select Search In All Categories to list all Places in the selected main category around the selected location or along the route.

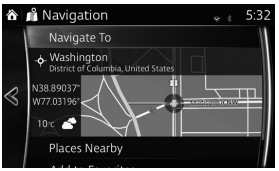


8. Sometimes the list of brands in the selected Place subcategory appears. Select one brand or select Search In All Categories to list all Places in the selected subcategory around the selected location or along the route.



9. Select Search.

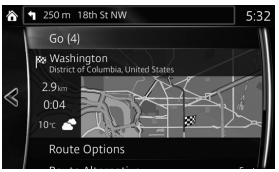
10. The selected location is shown on the map.
The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

11. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.1.2.4 Searching for a POI (point of interest) by name

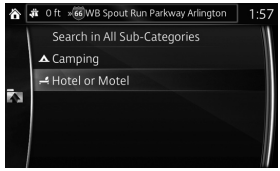
You can search for Places of Interest by their names. You can search around different locations or along your route in the whole Place database or in one Place category or subcategory only.

1. Select after selecting on the MAP screen.
2. Select Find Places.
3. Select Area.
4. Select the area around which the Place should be searched for:
   - Select Around Here to search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.)
   - Select Along Route to search along the active route, and not around a given point. This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gasoline stations or restaurants. (The result list will be ordered by the length of the necessary detour.)
   - Select Around Destination to search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.)
   - Select In a City to search for a place within a selected city. (The result list will be ordered by the distance from the center of the selected city.)

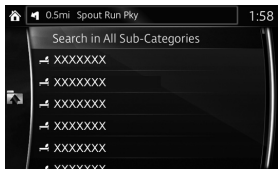
5. (optional) If you have selected In a City, select the city to search in.

6. (optional) Select one of the main Place categories (e.g. Accommodation) to search in or select Filter by Name to search among all Places.

7. Select one of the Place subcategories (e.g. Hotel or Motel) to search in or select Filter by Name to search in the selected Place category.



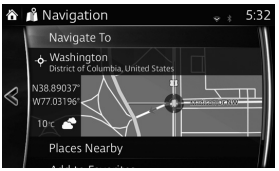
8. Select Filter by Name if you have not done it before.



9. Using the keyboard, start entering the name of the Place.

10. After entering a few letters, select to open the list of Places with names containing the entered character sequence.

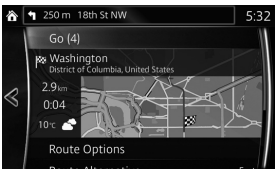
11. The selected location is shown on the map.
The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

12. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



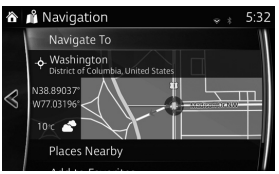
3.1.3 Searching for a Place using Local Search (Only some countries and regions)

If you have an Internet connection, you can search for places using the Local Search service.

1. Select after selecting on the MAP screen.
2. Select Local Search.
3. Using the keyboard, start entering the text to search for. This text can be a type of Place (like “Hotel”), a type of goods you are looking for (like “Pizza” or “Vacuum cleaner”) or even a street name followed by the city.
   (optional) The local search is carried out around your current location. To search around a different location, enter the name of the city after the word you are looking for. You can enter up to 25 characters.

4. After entering the text, select to open the list of results:

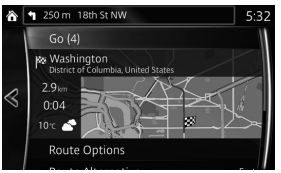
5. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

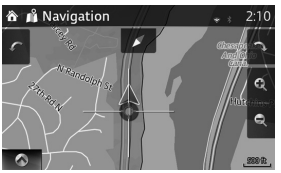
- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

6. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.1.4 Selecting a map location as the destination

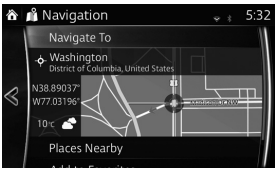
1. Touch anywhere on the map.



2. Drag the cursor and release it at the desired point.

3. Select .

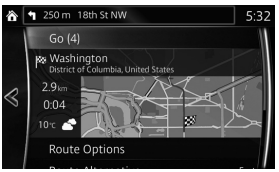
4. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

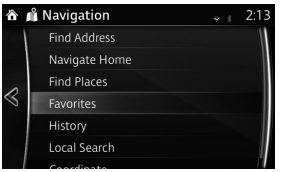
- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

5. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.

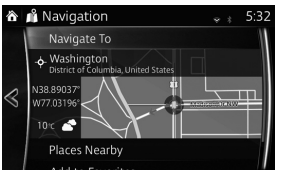


3.1.5 Selecting the destination from your Favorites

1. Select after selecting on the MAP screen.
2. In the Navigation menu, select Favorites.
   When Favorites is selected, the screen transfers to the Favorites screen. Select your registered favorite.



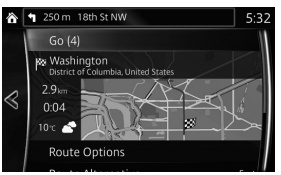
3. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

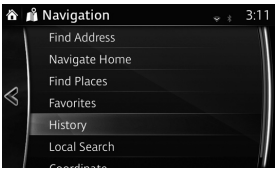
- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

4. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.

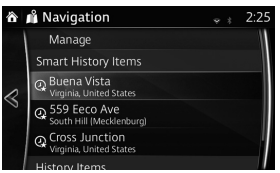


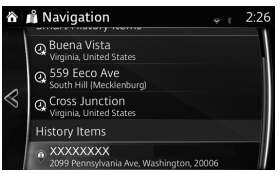
3.1.6 Selecting a recent destination from the History

1. Select after selecting on the MAP screen.
2. In the Navigation menu, select History.

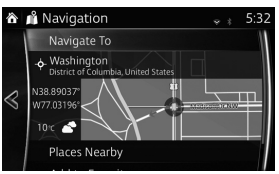


3. The list of recent destinations appears. Smart History promotes three destinations to the first page based on your previous routes (most likely destinations). The rest of the destinations are ordered by time they were last selected. If necessary, scroll the list to see earlier destinations.





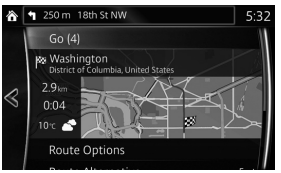
4. Select a destination from the list.
5. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

6. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.1.7 Entering the coordinate of the destination

You can also select a destination by entering its coordinate as follows:

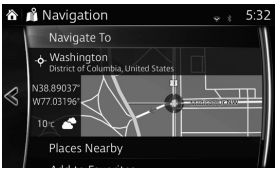
1. Select after selecting on the MAP screen.
2. In the Navigation menu, select Coordinate.

3. Input map coordinate value of Latitude and Longitude.

4. When finished, select .

5. Select Select.

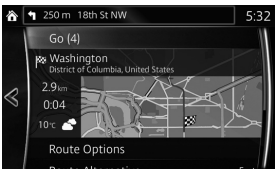
6. The selected location is shown on the map.
   The system transitions to the next screen by selecting Navigate To, or it returns to the previous screen by selecting the button. By touching the location displayed on the screen, you can change the destination to anywhere on the map.



Note!

- Places Nearby: You can search for POI (point of interest) around the selected location.
- Add to Favorites: The selected location can be registered to Favorites.

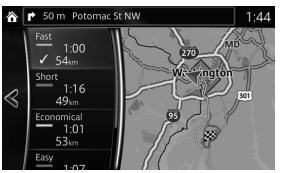
7. Navigation starts if Go is selected, or after 10 seconds of no user interaction.
   By touching the location displayed on the screen, you can verify the route. Additionally, the route can be revised by selecting other options.



3.2 Checking route parameters and accessing route related functions

You can check different parameters of the route recommended by the navigation system.

1. Select after selecting on the MAP screen.
2. The following pieces of information are displayed:
    - The name and/or address of the destination.
    - The total time of the route.
    - The total length of the route.
    - The route planning method (e.g. Fast).



3. You have the following options on this screen (for detailed instructions on how to use them, see the next chapter):
    - Select Edit Route to edit the route.
    - Select to display the entire route on the map.
    - Select Avoid to bypass a part of the route.
    - Select Cancel Route to delete the active route.

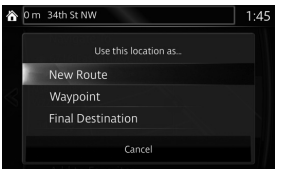
Note! There are other convenient functions.

3.3 Modifying the route

When navigation is already started, there are several ways to modify the active route. The following sections show some of those options.

3.3.1 Selecting a new destination when already having a route: New Route, Waypoint or Final Destination

If you already have a recommended route and you select a new destination as described in the above sections, the application will ask you whether to start a new route, add a new waypoint (intermediate destination) to the route or append the newly selected destination at the end of the current route.



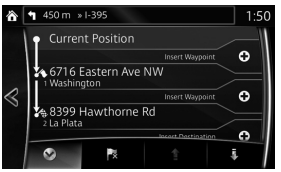
- Select New Route to plan a new route to the newly selected location. The previous destination and waypoint(s) are deleted.
- Select Waypoint to add the newly selected location as an intermediate destination to your route. The other destinations of the route remain intact. Note: the new waypoint is placed among destinations to keep the route optimal. To decide where a waypoint to appear, use the Edit Route feature.
- Select Final Destination to append the newly selected destination at the end of the route. The other destinations of the route remain intact. The previous final destination is now the last waypoint.

3.3.2 Editing the list of destinations (Edit Route)

You can edit the route by modifying the list of destinations.

1. Select after selecting on the MAP screen.
2. Select Edit Route.

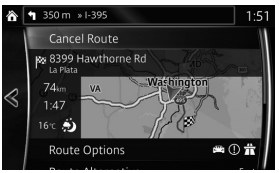
3. Edit the destination or waypoint.
   : Add the new destination or waypoint.
   Go: Start the route plan in consideration of the selected destination or waypoint.
4. Select the destination or waypoint to display the menu.
   : Close the menu.
   : Delete the selected destination or waypoint from the list.
   : Move the selected destination or waypoint forward one by one.
   : Move the selected destination or waypoint rearward one by one.



3.3.3 Checking route alternatives when planning the route

You can select from different route alternatives or change the route planning method after you have selected a new destination.

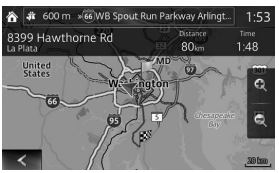
1. Select after selecting on the MAP screen.



2. Select Route Alternative.

3. The four route alternatives are displayed next to the selected route planning method. Select one to view it on the map.

4. Details of a route can be checked by selecting Browse Map.



5. Select one of the route alternatives or select to return to the previous screen. The navigation system recalculates the route. The orange line now shows the new recommended route.

3.3.4 Changing the road types used in route planning

To recalculate the active route with different road type preferences, do as follows. These changes can also be made in Settings (page 59).

1. Select ⚙ after selecting 🏠 on the MAP screen.
2. Select Route Settings.

3. Select any of the listed road types to modify the route. If needed, scroll the list for all road types. You have the following options (their order depends on the selected vehicle type):
   - Highways - You might need to avoid highways/freeways if you are towing another vehicle.
   - Period Charge - Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.
   - Per-use Toll - The navigation system includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, the navigation system plans the best toll-free route.
   - Ferries - The navigation system includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries.
   - Carpool Lanes - Setting in which routes with carpool lanes can be created or not created.
   - Unpaved Roads - The navigation system excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them.
   - Border Crossing - A border crossing may be a shorter route depending on the route. For this function, you can select whether or not to cross a border when planning the route.
4. The route has already been recalculated. Select ◁ to return to the Map screen.

3.4 Saving a location as a Favorite destination

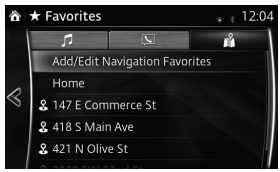
You can add any location to Favorites, the list of frequently used destinations. Planning a route to one of the Favorite destinations is described on page 42.

1. Select a destination as described before. It can be an address, a Place, any location on the map, a previously used destination from History, etc.
2. A searched destination can be registered to Favorites by selecting Add to Favorites on the verification screen of the destination search results.

3.4.1 Editing the details of a Favorite destination

You can select a location that you have already saved as a Favorite and edit its details. Adding a location to the list of Favorite destinations is described on page 51.

1. Press the Favorites button on the commander switch.
2. Select the Navigation tab.
3. The list of Favorite destinations is displayed.



The following functions can be used by selecting Add/Edit Navigation Favorite.

Add Current Location: Set the current location to Favorites.

Add Current Destination: Register the current destination to Favorites.

Add from Contact: Register an address registered to the contacts list.

Move: Switch the Favorites order.

Delete: Delete the registered Favorites.

Your home address can be registered/changed by selecting Home.

The following functions can be used by selecting the registered Favorites.

Replace with Current Location: Set the current location to Favorites.

Replace with Current Destination: Register the current destination to Favorites.

Replace with Address from Contacts: Register an address registered to the contacts list.

Move: Switch the Favorites order.

Rename: Edit the registered Favorites name.

Delete: Delete the selected Favorites.

4 Reference Guide

4.1 Concepts

4.1.1 Smart Zoom

Smart Zoom provides much more than just a usual automatic zoom feature:

- **While following a route:** when approaching a turn, it will zoom in and raise the view angle to let you easily recognize your maneuver at the next junction. If the next turn is at a distance, it will zoom out and lower the view angle to be flat so you can see the road in front of you.
- **While driving without an active route:** Smart Zoom will zoom in if you drive slowly and zoom out when you drive at high speed.
- **Off:** Turns the Smart Zoom setting off.

4.1.2 Route calculation and recalculation

The navigation system calculates the route based on your preferences:

- Route planning methods:
  - Fast : Gives a quick route if you can travel at or near the speed limit on all roads.
  - Short : Gives a route that has the smallest total distance of all possible routes.
  - Economical : This method combines the merits of the Fast and Short routes: The navigation system makes a calculation for the Fast route, but it also includes other roads in the calculation in consideration of fuel economy.
  - Easy : Results in a route with fewer turns and no difficult maneuvers. With this option, you can make the navigation system take, for example, the highway/ freeway instead of a series of smaller roads or streets.
- Road type used for route plan:
  - Highways
  - Period Charge
  - Per-use Toll
  - Ferries
  - Carpool Lanes
  - Unpaved Roads
  - Border Crossing

Whenever data exist, route calculation takes into account historical traffic data for the given day of week and time of day (page 54).

If the setting for Traffic Settings is valid, Real-time Traffic events are taken into account and the route is largely modified.

The navigation system automatically recalculates the route if you deviate from the proposed itinerary or if a newly received Traffic event concerns a part of the recommended route.

For further information about Route settings, see page 59.

Note!	Some functions are not available depending on some countries and regions.

4.1.3 Road safety cameras and other proximity alert points (Only some countries and regions)

There is a special proximity warning for road safety cameras (like speed or red light cameras) and other proximity alert points (like schools or railroad crossings).

The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. You can set up the different alert types individually in Warning settings (page 57).

The following alert types are available:

- Audio warning: When approaching one of these points, a beep sound (regular sound) can be used or the type of warning can be announced (TTS), and an extra alert can warn you if you exceed the given speed limit while approaching the point.
- Always: The type of the alert point, its distance, and the related speed limit appear on the Map screen while you are approaching one of these points.

For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.

Setting can be selected using Warning Settings:

- Only when speeding: The audio alert is only played when you exceed the given speed limit.
- When approaching: The audio alert is always played when approaching one of these alert points. To draw you attention, the alert may differ if you exceed the speed limit.

Note!	The warning for road safety cameras is disabled when you are in a country where road safety camera warning is prohibited. However, you must ensure on your own liability that using this feature is legal in the country where you intend to use it.

4.1.4 Speed limit warning (Only some countries and regions)

Maps may contain information about the speed limits of the roads. The navigation system is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads on the map.

The speed warning can be set from the Warning Settings (page 57).

Setting can be selected using Warning Settings:

- Audio warning: You will hear a warning beep if you exceed the speed limit by a certain percentage.
- Visual warning: If you exceed the speed limit on a road, the speed limit for the current road is shown on the map.

You can also choose to see the speed limit sign on the map all the time.

4.1.5 Traffic information in route planning (Only some countries and regions)

The recommended route is not always the same between two points. Offline historical traffic information (historical speed information or traffic patterns) can be taken into account in the route calculation based on the time of day and the day of week whenever suitable data exists. In addition, real-time traffic information can help you avoid current traffic events like temporary road closures or a traffic jam caused by an accident. Both functions are subject to data availability.

Select Traffic after selecting i on the MAP screen to display the historical traffic information on the map. A 2D map is displayed with road segments colored by the density of the traffic in the given period. The current information is shown when you open the screen. Modify the day of week and the time of day to see the desired period.

4.1.5.1 Historical traffic

If historical traffic information is available with the map data, the navigation system can use it when planning a route. In normal cases, these statistics help you avoid usual traffic jams on the given day of week in the given hour but in some cases like on public holidays that fall on normal weekdays, they can be misleading. You can disable this feature in Traffic settings (page 58).

Select Traffic after selecting i on the MAP screen to display the historical traffic information on the map.

4.1.5.2 Online traffic information (Only some countries and regions)

Unlike historical traffic information, online traffic can provide you with the real-time status of the traffic. Route calculation can avoid road blocks or unexpected traffic jams caused by an accident.

Note! This feature needs an active Internet connection.

The application automatically takes into account the traffic events received. You do not need to set anything in the program. When the navigation system receives traffic information that may affect your route, the program will warn you that it is recalculating the route, and navigation will continue with a new route that is optimal considering the most up-to-date traffic conditions.

To fine-tune this recalculation, you can set the minimum delay that can trigger a route recalculation, or you can instruct the navigation system to have you confirm the new recommended route before it takes effect. You can do these in Traffic settings (page 58).

Road segments affected by traffic events are displayed with an alternate color on the map, and small symbols above the road show the nature of the event:

1. Select ℹ after selecting ⌂ on the MAP screen.
2. Select Traffic.
3. Select the traffic category you are interested in, or select All Events to see the list of all events:

4. Now select any of the list items to see its details, and to display the affected road segment in its full length on the map:

4.2 Settings menu

You can configure the program settings, and modify the behaviour of the navigation system. Select ⚙ after selecting ⌂ on the MAP screen.

Button	Description
Map Settings	You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, show or hide 3D buildings, and manage POI (point of interest) display settings (which POI to show on map).
Guidance Settings	A guidance-related setting is available during route guidance.
Warning Settings	A setting related to warnings is available.
Route Settings	Refer to Changing the road types used in route planning (page 50).
Traffic Settings	A setting for traffic information is available.
Connected Settings	A setting for on-line service is available.

Note!	Some functions are not available depending on some countries and regions.

4.2.1 Guidance Settings

Button	Description
Guidance Vol.	The guidance audio volume can be changed during route guidance.

4.2.2 Warning Settings

Warning and alert settings are available.

Button	Description
Speeding	The following alert types are available: Off: No display and sound Visual Only: Only display Audio and Visual: Both sound and display
Speed Limit	The speed limit warning display can be changed. Off: No display and sound Visual Only: Only display Audio and Visual: Both sound and display
Alert Point Warnings	A setting is available which sounds a beep at alert points, and it can be set to on or off. In addition, detailed settings concerning the warning can be made. Off: No display and sound Visual Only: Only display Audio and Visual: Both sound and display
Speed Cameras	The speed camera warning setting can be changed. Off: No display and sound Visual Only: Only display Audio and Visual: Both sound and display

Note!	Some functions are not available depending on some countries and regions.

4.2.3 Traffic settings

Button	Description
Use Historical Traffic Data	Use this switch to enable or disable historical traffic data and traffic patterns. This locally stored information can be very useful in normal circumstances but for example on public holidays it may be better to turn off in order not to take into account normal weekday traffic jams.
Online Traffic	Use this switch to enable or disable receiving real-time traffic information online. The rest of the buttons below are all related to this real-time information and are available only if receiving is enabled. You can also define whether to receive online traffic only when connected to a WiFi network.
Offer Detour	Alternative routes are offered for detours.
Auto Accept Detour	An appropriate alternative route is determined provided by the navigation system in consideration of traffic conditions.
Detour Sensitivity	You can select how much time delay on the alternative route you are willing to accept. The alternative route is offered based on the set time.

Note!	Some functions are not available depending on some countries and regions.

4.2.4 Route settings

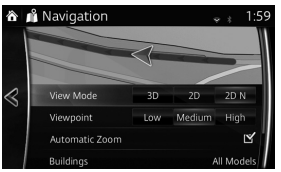
These settings determine how routes will be calculated.

Button	Description
Route Calculation Method	The route calculation can be optimized for different situations. See below for details.
Highways	You might need to avoid highways/freeways if you are towing another vehicle.
Period Charge	Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.
Per-use Toll	The navigation system includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, the navigation system plans the best toll-free route.
Ferries	The navigation system includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries.
Carpool Lanes	Setting in which routes with carpool lanes can be created or not created.
Unpaved Roads	The navigation system excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them.
Border Crossing	A border crossing may be a shorter route depending on the route. For this function, you can select whether or not to cross a border when planning the route.

4.2.5 Map settings

You can fine-tune the appearance of the Map screen, adjust the map view to your needs, show or suppress 3D buildings, and manage Place visibility settings (which Places to show on the map).

The map is always shown on the screen so that you can see the effect when you change a setting. Scroll the screen downward to display the setting behind the lower part of the screen.



Button	Description
View Mode	When this button is selected, the map view mode can be changed. • 3D: Displays things such as actual construction sites three dimensionally on the map. • 2D: The map is rotated so that the direction of travel is displayed in the upward direction. • 2D N: The map is displayed so that north is up regardless of the direction of travel.
Viewpoint	Adjust the basic zoom and tilt levels to your needs. Three levels are available.
Automatic Zoom	During route guidance in any map view mode, the function for zooming in on approaching intersections turns on/off automatically.
Buildings	Show or hide 3D city models, 3D artistic or block representation of all city building data containing actual building sizes and positions on the map.
Highway Overview	When enabled, the map zooms out to show an overview of the surrounding area if the next route event (maneuver) is far away. The system goes back to the normal map view when you approach the next event.
Place Markers	Select which Places to show on the map while navigating. Too many Places make the map crowded, so it is a good idea to show as few as possible. You have the following possibilities: • Select the checkbox to show or hide the Place category. • Select the name of the Place category to open the list of its subcategories.

4.2.6 Visual Guidance settings

Adjust how the software helps you navigate with different kinds of route related information on the Map screen.

Show Signposts	Whenever adequate information is available, lane information similar to the real ones on road signs above the road is displayed at the top of the map. You can turn this feature on or off.
Show Junction View	If you are approaching a highway/freeway exit or a complex intersection and the needed information exists, the map is replaced with a 3D view of the junction. You can turn this feature on or let the map be displayed for the whole route.
Show Tunnel View	When entering tunnels, the surface roads and buildings can be disturbing. This feature shows a generic picture of a tunnel instead of the map. A top-down overview of the tunnel and remaining distance are also displayed.

4.2.7 Connected Settings (Only some countries and regions)

Auto Download Weather	Set the weather forecast automatic download on/off.
Online Traffic	Set the traffic information automatic download on/off.

5 Wi-Fi™ (Only some countries and regions)

5.1 What is Wi-Fi™*?

Wi-Fi™ is the brand name which indicates the interconnection between IEEE 802.11 standardized devices and certified by Wi-Fi Alliance®. Wireless Internet access is possible according to the surrounding environment (such as a mobile Wi-Fi™ router or a public Wi-Fi™ area).

By connecting the audio unit with a Wi-Fi™ compatible device, the Real Time Traffic function of the navigation system can be used.

* Wi-Fi™, Wi-Fi Alliance®, and the logo are the trademark or registered trademark of Wi-Fi Alliance®.

Supported standard

IEEE 802.11 b/g/n

Supported security type

None

WEP

WPA (WPA-Personal)

WPA2

WPA/WPA2 (WPA+AES&TKIP)

Note!	For enhanced communication safety, a WPA, WPA2, or WPA/WPA2 security type setting is recommended. Follow the security setting procedure in the device's instruction manual.

5.2 Connecting to Wi-Fi™

Connection is possible under conditions in which an Internet connection using Wi-Fi™ is possible, and the Wi-Fi™ setting for the device is on.

5.2.1 Turning Wi-Fi™ on

1. Select the ⚙ icon on the home screen and display the Settings screen.
2. Select the **Devices** tab.
3. Select **Network Managment** or **Wi-Fi**.
4. Turn the Wi-Fi™ setting on.
5. Available networks are displayed.
6. Select a desired network.

Note!

- When the connection to a Wi-Fi™ network is successful, the icon is displayed.
- If there is no available network when connecting to Wi-Fi™ for the first time, you need to first add a network.
- When entering in a network area previously connected to, re-connection to the network is automatic.
- The ✔ icon is displayed on the network name currently connected.
- The network name and its security type, and the radio wave reception level are displayed.
- If the connection to a network is lost, connection to another available network is automatic.

5.2.2 Adding a network

To connect to a network except for the public Wi-Fi™ area, a network needs to be added manually. By adding the network, the security certification information of the network is recorded, and automatic connection is possible when entering an available area. A maximum of 20 networks can be stored.

1. Turn on Wi-Fi™ if it is off.
2. Select **Other Networks**.
3. Select **Name (SSID)**. The keyboard screen is displayed.
4. Input a network name (SSID) and select **OK**.
5. Select **Security Options**.
6. Select a security type.
7. Select **Password**. The keyboard screen is displayed.
8. Input the password then select **OK**.
9. Select **Connect to <Network Name>** to connect to the network.

Note!

- If “None” is selected during the security type selection, the password cannot be input.
- If 20 networks have already been stored and another network is newly stored, the oldes network (oldest access) is deleted.

Selecting a connecting network

1. Turn on Wi-Fi™ if it is off.
2. The available networks are displayed.
3. Select a desired network.

Note! If a public Wi-Fi™ network is selected, password input may be required.

5.2.3 Stopping connection to network

1. Select the currently connected network.
2. Select **Disconnect**.

6 Glossary

Active route

The currently navigated route. Whenever a destination is set, the route is active until you delete it or reach your destination. See also: Route.

City Center

The city center is not the geometric center of the city but an arbitrary point the map creators have chosen. In cities and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

Color theme

The navigation system has different color themes for daytime and nighttime which can be selected as desired.

One daytime scheme and one nighttime scheme is always selected for the map and for the menus.

The navigation system uses them when it switches from day to night and back.

GPS accuracy

Several factors have impact on the deviation between your real position and the one given by the GPS device. For example, signal delay in the ionosphere or reflecting objects near the GPS device have a different and varying impact on how accurately the GPS device can calculate your position.

Map

The navigation system works with digital maps which are not simply the computerized versions of traditional paper maps. Similarly to paper road maps, the 2D mode of digital maps show you streets, roads, and elevation by colors.

In 3D mode, you can see the altitude differences, for example valleys and mountains, elevated roads, and in selected cities 3D landmarks and 3D buildings are also displayed.

You can use digital maps interactively: you can zoom in and out (increase or decrease the scale), you can tilt them up and down, and rotate them left and right. In GPS-supported navigation, digital maps facilitate route planning.

North-up map orientation

In North-up mode the map is rotated so its top always faces North. This is the orientation for example in Find on Map.

Road Safety Camera

This function is not available in some countries and regions.

Special alert points for speed, red light or bus lane cameras. Different data sources are available. You can configure the navigation system to warn you when you approach one of these cameras.

Detecting the location of Road Safety Cameras is prohibited in certain countries. It is the sole responsibility of the driver to check whether this feature can be used during the trip.

The software is capable of showing and warning for more than just cameras. Various other types of proximity alert points like school zones and railway crossings are also available.

Route

A sequence of maneuvers (for example, turns and roundabouts) to reach the destination. The route contains one start point and one or more destinations.

Track-up map orientation

In Track-up mode the map is rotated so its top always points in the current driving direction. This is the default orientation in 3D map view mode.

Vehicle marker

The current position is indicated by a blue arrow on the map. The direction the blue arrow is pointed indicates the current heading.

7 End-User Terms

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